

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark Office

App. Docket No.

05569.0004.DVUS12

Serial No. **New**
Application**INFORMATION DISCLOSURE STATEMENT**

Applicant

McCafferty, J. *et al.*

Filing Date

3-18-04

Group

(Use several sheets if necessary)

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
AOS	B1	WO 83/02393	07/21/83	WIPO	/			
	B2	EP 2 137 631	10/10/84	EP				
AOS	B3	EP 0 168 933	01/22/86	EP				
AOS	B4	WO 88/06630	09/07/88	WIPO				
AOS	B5	WO 88/09344	12/01/88	WIPO				
	B6	EP 0 324 162 A1	12/24/88	EP				
AOS	B7	AU-B-27617/88	07/06/89	AU				
AOS	B8	WO 90/02809	03/22/90	WIPO				
AOS	B9	WO 90/05144	05/17/90	WIPO				
AOS	B10	WO 90/14424	11/29/90	WIPO				
AOS	B11	WO 90/14430	11/29/90	WIPO				
AOS	B12	WO 90/14443	11/29/90	WIPO				
AOS	B13	WO 91/10737	07/25/91	WIPO				
AOS	B14	WO 91/17271	11/14/91	WIPO				
AOS	B15	WO 92/06204	04/16/92	WIPO				
AOS	B16	WO 92/09690	06/11/92	WIPO				
	B17	WO 92/18619	10/29/92	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AOS	C1	Amit, A.G. <i>et al.</i> , "Three-Dimensional Structure of an Antigen-Antibody Complex at 2.8 Å Resolution." <i>Science</i> , 233:747-753 (August, 1986).
-----	----	---

EXAMINER

DATE CONSIDERED

1/11/08

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 05569.0004.DVUS12	Serial No. New Application
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant McCafferty, J. <i>et al.</i>	
		Filing Date 3-18-04	Group

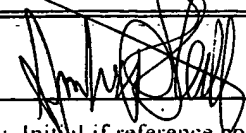
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
ADS	C2	Armstrong, J. <i>et al.</i> , "Domain Structure of Bacteriophage fd Adsorption Protein," <i>FEBS Lett.</i> , 135(1):167-172 (November, 1981).
ADS	C3	Bass <i>et al.</i> , "Hormone Phage: An Enrichment Method for Variant Proteins With Altered Binding Properties," <i>Proteins: Structure, Function and Genetics</i> , 8:309-314 (1990).
	C4	Beck, E. <i>et al.</i> , "Nucleotide sequence and genome organisation of filamentous bacteriophages f1 and fd," <i>Gene</i> , 16:55-58 (1981).
	C5	Beck, E. <i>et al.</i> , "Nucleotide sequence of bacteriophage fd DNA," <i>Nucleic Acids Research</i> , 5(12):4495-4503 (1978).
ADS	C6	Berek, C. <i>et al.</i> , "Molecular events during maturation of the immune response to oxazolone," <i>Nature</i> , 316:412-418 (August, 1985).
ADS	C7	Better, M. <i>et al.</i> , "Escherichia coli Secretion of an Active Chimeric Antibody Fragment," <i>Science</i> , 240:1041-1043 (May, 1988).
ADS	C8	Bhat, T.N. <i>et al.</i> , "Small rearrangements in structures of Fv and Fab fragments of antibody D1.3 on antigen binding," <i>Nature</i> , 347:483-485 (October, 1990).
ADS	C9	Bird, R.E. <i>et al.</i> , "Single chain antibody variable regions," <i>TIBTECH</i> , 9:132-137 (April, 1991).
ADS	C10	Bird, R.E. <i>et al.</i> , "Single-Chain Antigen-Binding Proteins," <i>Science</i> , 242:423-426 (October, 1988).
ADS	C11	Boeke, J.D. <i>et al.</i> , "Effects of Bacteriophage f1 Gene III Protein on the Host Cell Membrane," <i>Mol. Gen. Genet.</i> , 186:185-192 (1982).
ADS	C12	Boyle, W., "An Extension of the ⁵¹ Cr-Release Assay for the Estimation of Mouse Cytotoxins," <i>Transplantation</i> , 6(6):761-764 (1968).
	C13	Branden, C. <i>et al.</i> , in <i>Introduction to Protein Structure</i> , Garland Publishing, Inc., New York and London, pp.26-29 (1991).
ADS	C14	Brenna, O. <i>et al.</i> , "Affinity-Chromatography Purification of Alkaline Phosphatase from Calf Intestine," <i>Biochem. J.</i> , 151:291-296 (1975).
ADS	C15	Brownstone, A. <i>et al.</i> , "Biological Studies with an Iodine-Containing Synthetic Immunological Determinant 4-Hydroxy-3-iodo-5-nitrophenylacetic Acid (NIP) and Related Compounds," <i>Immunology</i> , 10:481-492 (1966)

EXAMINER	DATE CONSIDERED 1/11/08
*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	App. Docket No. 05569.0004.DVUS12	Serial No. New Application
		Applicant McCafferty, J. et al.	
		Filing Date 3-18-04	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
ADS	C16	Brownstone, A. <i>et al.</i> , "Chemical and Serological Studies with an Iodine-Containing Synthetic Immunological Determinant 4-Hydroxy-3-iodo-5-nitrophenylacetic Acid (NIP) and Related Compounds," <i>Immunology</i> , 10:465-479 (1966).
ADS	C17	Carter, P. <i>et al.</i> , "Improved oligonucleotide site-directed mutagenesis using M13 vectors" <i>Nucl. Acids Res.</i> , 13(12):4431-4443 (1985).
ADS	C18	Casali, P. <i>et al.</i> , "Human Monoclonals from Antigen-Specific Selection of B Lymphocytes and Transformation by EBV," <i>Science</i> , 234:476-479 (October, 1986).
ADS	C19	Chaidaroglou, A. <i>et al.</i> , "Function of Arginine-166 in the Active Site of <i>Escherichia coli</i> Alkaline Phosphatase," <i>Biochemistry</i> , 27:8338-8343 (1988).
ADS	C20	Chang, C. N. <i>et al.</i> , "Nucleotide sequence of the alkaline phosphatase gene of <i>Escherichia coli</i> ," <i>Gene</i> , 44:121-125 (1986).
ADS	C21	Chaudhary, V.K. <i>et al.</i> , "A rapid method of cloning functional variable-region antibody genes in <i>Escherichia coli</i> as single-chain immunotoxins," <i>Proc. Natl. Acad. Sci., USA</i> , 87:1066-1070 (February, 1990).
ADS	C22	Chiang, Y.L. <i>et al.</i> , "Direct cDNA Cloning of the Rearranged Immunoglobulin Variable Region," <i>BioTechniques</i> , 7(4):360-366 (1989).
	C23	Choo, Y. <i>et al.</i> , "In vivo repression by a site-specific DNA-binding protein designed against an oncogenic sequence," <i>Nature</i> , 372:642-645 (1994).
	C24	Choo, Y. <i>et al.</i> , "Selection of DNA binding sites for zinc fingers using rationally randomized DNA reveals coded interactions," <i>Proc. Natl. Acad. Sci., USA</i> , 91:11168-11172 (1994).
	C25	Choo Y. <i>et al.</i> , "Toward a code for the interactions of zinc fingers with DNA: Selection of randomized fingers displayed on phage," <i>Proc. Natl. Acad. Sci., USA</i> , 91:11163-11167 (1994).
ADS	C26	Chothia, C. <i>et al.</i> , "Canonical Structures for the Hypervariable Regions of Immunoglobulins," <i>J. Mol. Biol.</i> , 196:901-917 (1987).
ADS	C27	Chuchana, P. <i>et al.</i> , "Definition of the human immunoglobulin variable lambda (IGLV) gene subgroups," <i>Eur. J. Immunol.</i> , 20:1317-1325 (1990).
ADS	C28	Clackson, T. <i>et al.</i> , "'Sticky feet'-directed mutagenesis and its application to swapping antibody domains," <i>Nucl. Acids Res.</i> , 17(24):10163-10170 (1989).

previous considered

EXAMINER 	DATE CONSIDERED 1/11/08
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

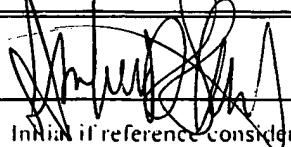
Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Any. Docket No. 05569.0004.DVUS12	Serial No. New Application
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant McCafferty, J. et al.	
		Filing Date 3-18-04	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	C29	Cunningham, C. et al., "Antibody engineering - how to be human," <i>Trends Biotechnology</i> , 10(4):112-113 (April, 1992).
	C30	Curti, B.D., "Physical Barriers to drug delivery in tumors," <i>Critical Reviews in Oncology/Hematology</i> , 14:29-39 (1993).
	C31	Cwirla, S.E. et al., "Peptides on phage: A vast library of peptides for identifying ligands," <i>Proc. Natl. Acad. Sci., USA</i> , 87:6378-6382 (1990).
ADS	C32	De Bellis, D. et al., "Regulated expression of foreign genes fused to <i>lac</i> : control by glucose levels in growth medium," <i>Nucl. Acids Res.</i> , 18(5):1311 (1980).
	C33	De la Cruz et al., "Immunogenicity and Epitope Mapping of Foreign Sequences via Genetically Engineered Filamentous Phage," <i>J. Biol. Chem.</i>, 263(9):4318-4322 (1988).
	C34	Dildrop, R., "A new classification of mouse V_H sequences," <i>Immunol. Today</i>, 5(4):85-86 (1984).
	C35	Dillman, R.O., "Monoclonal Antibodies for Treating Cancer," <i>Annals of Internal Medicine</i> , 111:592-603 (1989).
ADS	C36	Dower, W.J. et al., "High efficiency transformation of <i>E. coli</i> by high voltage electroporation," <i>Nucl. Acids Res.</i> , 16(13):6127-6145 (1988).
ADS	C37	Eckert, K.A. et al., "High fidelity DNA synthesis by the <i>Thermus aquaticus</i> DNA polymerase," <i>Nucl. Acids Res.</i> , 18(13):3739-3744 (1990).
ADS	C38	Eisen, H.N., "Determination of Antibody Affinity For Haptens and Antigens by Means of Fluorescence Quenching," <i>Meth. Med. Res.</i> , 10:115-121 (1964).
ADS	C39	Evan, G.I. et al., "Isolation of Monoclonal Antibodies Specific for Human <i>c-myc</i> Proto-Oncogene Product," <i>Mol. Cell. Biol.</i> , 5(12):3610-3616 (December, 1985).
	C40	Fikes, J.D. et al., "Maturation of <i>Escherichia coli</i> Maltose-binding Protein by Signal Peptidase I in Vivo," <i>J. Biological Chemistry</i>, 265(6):3417-3423 (1990).
ADS	C41	Galfrè, G. et al., "Preparation of Monoclonal Antibodies: Strategies and Procedures," <i>Methods Enzymology</i> , 73:3-46 (1981).
ADS	C42	Gherardi, E. et al., "A single-step procedure for cloning and selection of antibody-secreting hybridomas," <i>J. Immunol. Methods</i> , 126:61-68 (1990).

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	App. Docket No. 05569.0004.DVUS12	Serial No. New Application
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant McCafferty, J. et al.	
		Filing Date 3-18-04	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	C43	Glockshuber, R. et al., "The Disulfide Bonds in Antibody Variable Domains: Effects on Stability, Folding in Vitro, and Functional Expression in Escherichia coli," <i>Biochemistry</i> , 31:1270-1279 (1992).
	C44	Goldstein, G., "Overview of the Development of ORTHOCLONE OKT3: Monoclonal Antibody for Therapeutic Use in Transplantation," <i>Transplantation Proceedings</i> , Vol. XIX, No. 2, Suppl. 1:1-6 (April, 1987).
ADS	C45	Gorick, B.D. et al., "Three Epitopes on the Human Rh Antigen D Recognized by ¹²⁵ I-Labelled Human Monoclonal IgG Antibodies," <i>Vox. Sang.</i> , 55:165-170 (1988).
ADS	C46	Gottesman, M.E. et al., "Transcription Antitermination by Bacteriophage Lambda N Gene Product," <i>J. Mol. Biol.</i> , 140:57-75 (1980).
ADS	C47	Grant, R.A. et al., "Structure of the Filamentous Bacteriophage fl," <i>J. Biol. Chem.</i> , 256(1):539-546 (January, 1981).
ADS	C48	Griffiths, G.M. et al., "Somatic mutation and the maturation of immune response to 2-phenyl oxazolone," <i>Nature</i> , 312:271-275 (1984).
ADS	C49	Gronwald, R.G.K. et al., "Cloning and expression of a cDNA coding for the human platelet-derived growth factor receptor: Evidence for more than one receptor class," <i>Proc. Natl. Acad. Sci., USA</i> , 85:3435-3439 (May, 1988).
ADS	C50	Harper, M. et al., "Antigen Specificity and Cross-Reactivity of Monoclonal Anti-Lysozyme Antibodies," <i>Molec. Immunol.</i> , 24(2):97-108 (1987).
	C51	Harris, W.J. et al., "Therapeutic antibodies - the coming of age," <i>Trends Biotechnology</i> , 11:42-44 (February, 1993).
	C52	Hird, V. et al., "Immunotherapy with Monoclonal Antibodies," in <i>Genes and Cancer</i> , Edited by D. Carney and K. Sikora, John Wiley & Sons, Ltd., pp.183-189 (1990).
ADS	C53	Horton, R.M. et al., "Engineering hybrid genes without the use of restriction enzymes: gene splicing by overlap extension," <i>Gene</i> , 77:61-68 (1989).
ADS	C54	Hughes-Jones, N.C. et al., "Nucleotide sequences and three-dimensional modelling of the V _H and V _L domains of two human monoclonal antibodies specific for the D antigen of the human Rh-blood-group system," <i>Biochem. J.</i> , 268:135-140 (1990).
ADS	C55	Hull, W.E. et al., " ³¹ P Nuclear Magnetic Resonance Study of Alkaline Phosphatase: The Role of Inorganic Phosphate in Limiting the Enzyme Turnover Rate at Alkaline pH," <i>Biochemistry</i> , 15(7):1547-1561 (1976).

EXAMINER: 	DATE CONSIDERED: 1/11/08
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
05569.0004.DVUS12Serial No. **New**
Application**INFORMATION DISCLOSURE STATEMENT**Applicant
McCafferty, J. et al.Filing Date
3-18-04

Group

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

ADS	C56	Huse <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , 246:1275-1281 (1989).
ADS	C57	Huston, J.S. <i>et al.</i> , "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci., USA</i> , 85:5879-5883 (August, 1988).
	C58	Izard, J.W. <i>et al.</i> , "Signal peptides: exquisitely designed transport promoters," <i>Molecular Microbiology</i> , 13(5):765-773 (1994).
ADS	C59	Kabat <i>et al.</i> , <i>Sequences of Proteins of Immunological Interest</i> , 5th ed. pgs.339, 362, 430, 451 and 1418 (1991).
	C60	Kabat <i>et al.</i>, <i>Sequences of Proteins of Immunological Interest</i>, 4th ed. p.181 (1987). no copy
	C61	Kang, A.S. <i>et al.</i> , "Antibody redesign by chain shuffling from random combinatorial immunoglobulin libraries," <i>Proc. Natl. Acad. Sci., USA</i> , 88(24):1120-11123 (1991).
ADS	C62	Kang, A.S. <i>et al.</i> , "Linkage of recognition and replication functions by assembling combinatorial antibody Fab libraries along phage surfaces," <i>Proc. Natl. Acad. Sci., USA</i> , 88(10):4363-4366 (1991).
	C63	Kettleborough, C.A. <i>et al.</i> , "Humanization of a mouse antibody by CDR-grafting: the importance of framework residues on loop conformation," <i>Protein Engineering</i> , 4(7):773-783 (1991).
	C64	Kim, Y. <i>et al.</i> , "Refinement of Eco RI Endonuclease Crystal Structure: A Revised Protein Chain Tracing," <i>Science</i> , 249:1307-1309 (1990).
ADS	C65	Köhler, G. <i>et al.</i> , "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 256:495-497 (August, 1975).
ADS	C66	Kornberg, A., <i>DNA Replication</i> , W.H. Freeman & Co., San Francisco, pp. 15, 20, 287, 385, 368-369, 383-385, 393, 461, 474, 478-496, 505-506 (1974).
	C67	Laforet, G.A. <i>et al.</i> , "Functional Limits of Conformation, Hydrophobicity, and Steric Constraints in Prokaryotic Signal Peptide Cleavage Regions," <i>J. Biological Chemistry</i> , 266(2):1326-1334 (1991).
ADS	C68	Larrick, J.W. <i>et al.</i> , "Rapid Cloning of Rearranged Immunoglobulin Genes from Human Hybridoma Cells Using Mixed Primers and the Polymerase Chain Reaction," <i>Biochem. Biophys. Res. Commun.</i> , 160(3):1250-1255 (May, 1989).

EXAMINER

DATE CONSIDERED

1/11/08

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark Office

App. Docket No.

05569.0004.DVUS12

Serial No. **New**
Application**INFORMATION DISCLOSURE STATEMENT**

Applicant

McCafferty, J. *et al.*

Filing Date

3-18-04

Group

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

ADS	C69	Lesk, A. M. <i>et al.</i> , "Elbow motion in the immunoglobulins involves a molecular ball-and-socket joint," <i>Nature</i> , 335:188-190 (September, 1988).
ADS	C70	Mäkelä, O. <i>et al.</i> , "Inheritance of Antibody Specificity V Anti-2-Phenyloxazolone in the Mouse," <i>J. Exp. Med.</i> , 148:1644-1660 (December, 1978).
ADS	C71	Malamy, M.H. <i>et al.</i> , "Purification and Crystallization of the Alkaline Phosphatase of <i>Escherichia coli</i> ," <i>Biochemistry</i> , 3(12):1893-1897 (December, 1964).
	C72	Marvin, D.A. <i>et al.</i> , "Molecular Models and Structural Comparisons of Native and Mutant Class I Filamentous Bacteriophages Ff m(fd, fl, M13), Ifl and lKe," <i>J. Mol. Biol.</i> , 235:260-286 (1994).
ADS	C73	McCafferty <i>et al.</i> , "Phage Antibodies: Filamentous Phage Displaying Antibody Variable Domains," <i>Nature</i> , 348:552-554 (1990).
ADS	C74	McCracken, S. <i>et al.</i> , "Functional and Structural Properties of Immobilized Subunits of <i>Escherichia coli</i> Alkaline Phosphatase," <i>J. Biol. Chem.</i> , 255(6):2396-2404 (March, 1980).
ADS	C75	Melamed, M.D. <i>et al.</i> , "Requirements for the establishment of heterohybridomas secreting monoclonal human antibody to rhesus (D) blood group antigen," <i>J. Immunological Methods</i> , 104:245-251 (1987).
ADS	C76	Milstein F.R.S., C., "The Croonian Lecture, 1989 Antibodies: a paradigm for the biology of molecular recognition," <i>Proceedings of the Royal Society of London</i> , 239(1294):1-16 (1990).
ADS	C77	Munro, S. <i>et al.</i> , "An Hsp70-like Protein in the ER: Identity with the 78 kd Glucose-Regulated Protein and Immunoglobulin Heavy Chain Binding Protein," <i>Cell</i> , 46:291-300 (July, 1986).
ADS	C78	Nagai, K. <i>et al.</i> , "Synthesis and Sequence-Specific Proteolysis of Hybrid Proteins Produced in <i>Escherichia coli</i> ," <i>Methods Enzymology</i> , 153:461-481 (1987).
ADS	C79	Neuberger, M.S. <i>et al.</i> , "Recombinant antibodies possessing novel effector functions," <i>Nature</i> , 312:604-608 (1984).
	C80	Newman, A.K. <i>et al.</i> , "DNA Sequences of Structural Genes for <i>Eco</i> RI DNA Restriction and Modification Enzymes," <i>J. Biological Chemistry</i> , 256(5):2131-2139 (1981).
ADS	C81	Ohlson, S. <i>et al.</i> , "Novel Approach to Affinity Chromatography Using "Weak" Monoclonal Antibodies," <i>Anal. Biochem.</i> , 169:204-208 (1988).

prev
cont.prev
cont.

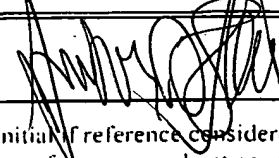
EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

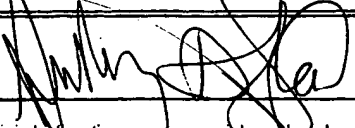
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	Atty. Docket No. 05569.0004.DVUS12 Applicant McCafferty, J. et al. Filing Date 3-18-04	Serial No. New Application
		Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	C82	Oliver, D.B. et al., "Periplasm and Protein Secretion," in <i>Escherichia coli and Salmonella typhimurium: cellular and molecular biology</i> , F.C. Neidhart (ed.), American Society for Microbiology, Washington, pp. 56-69.
ADS	C83	Orlandi, R. et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," <i>Proc. Natl. Acad. Sci., USA</i> , 86:3833-3837 (May, 1989).
	C84	Osband, M.E. et al., "Problems in the investigational study and clinical use of cancer immunotherapy," <i>Immunology Today</i> , 11(6):193-195 (1990).
ADS	C85	Parmley et al., "Antibody-selectable Filamentous fd Phage Vectors: Affinity Purification of Target Genes," <i>Gene</i> , 73(2):305-318 (December, 1988).
	C86	Parmley, S.F. et al., "Filamentous Fusion Phage Cloning Vectors for the Study of Epitopes and Design of Vaccines," <i>Adv. Exp. Med. Biol.</i> , 251:215-218 (1989).
ADS	C87	Perelson, A.S., "Immune Network Theory," <i>Immunol. Reviews</i> , 110:5-36 (1989).
ADS	C88	Pratt, D. et al., "Conditional Lethal Mutants of the Small Filamentous Coliphage M13 II. Two Genes for Coat Proteins," <i>Virology</i> , 39:42-53 (1969).
	C89	Rasched, I. et al., "Ff Coliphages: Structural and Functional Relationships," <i>Microbiological Reviews</i> , 50(4):401-427 (1986).
ADS	C90	Riechmann, L. et al., "Reshaping human antibodies for therapy," <i>Nature</i> , 332:323-327 (March, 1988).
ADS	C91	Rossomando, E.F. et al., "Studies on the Bacteriophage f1 I. Alkali-induced Disassembly of the Phage into DNA and Protein," <i>J. Mol. Biol.</i> , 36:387-399 (1968).
ADS	C92	Saiki, R.K. et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <i>Science</i> , 239:487-491 (January, 1988).
ADS	C93	Sambrook et al., <i>Molecular Cloning: A Laboratory Manual</i> , 4.13-4.14, 4.17-4.19, 4.46 and A.12 (1989).
ADS	C94	Sastry, L. et al., "Cloning of the immunological repertoire in <i>Escherichia coli</i> for generation of monoclonal catalytic antibodies: Construction of a heavy chain variable region-specific cDNA library," <i>Proc. Natl. Acad. Sci., USA</i> , 86:5728-5732 (August, 1989).
ADS	C95	Schaaper, R.M. et al., " <i>Escherichia coli</i> mutT Mutator Effect during <i>in Vitro</i> DNA Synthesis," <i>J. Biol. Chem.</i> , 262(34):16267-16270 (December, 1987).

EXAMINER 	DATE CONSIDERED 1/11/08
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

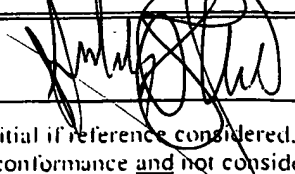
Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	App. Docket No. 05569.0004.DVUS12	Serial No. New Application
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant McCafferty, J. et al.	
		Filing Date 3-18-04	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
ADS	C96	Schapper, R.M., "Mechanisms of mutagenesis in the <i>Escherichia coli</i> mutator mutD5: Role of DNA mismatch repair," <i>Proc. Natl. Acad. Sci., USA</i> , 85:8126-8130 (November, 1988).
	C97	Schneider, G. et al. "Analysis of Cleavage-Site Patterns in Protein Precursor Sequences with a Perceptron-Type Neural Network," <i>Biochemical and Biophysical Research Communications</i> , 194(2):951-959 (1993).
ADS	C98	Shimatake, H. et al., "Purified λ regulatory protein cII positively activates promoters for lysogenic development," <i>Nature</i> , 292:128-132 (July, 1981).
ADS	C99	Short et al., "Lambda ZAP: A Bacteriophage Lambda Expression Vector with In Vivo Excision Properties," <i>Nucleic Acids Research</i> , 16(15):7583-7600 (August, 1988).
ADS	C100	Skerra, A. et al., "Assembly of a Functional Immunoglobulin F ₁ Fragment in <i>Escherichia coli</i> ," <i>Science</i> , 240:1038-1040 (May, 1988).
ADS	C101	Smith, G.P., "Filamentous Fusion Phage: Novel Expression Vectors that Display Cloned Antigens on the Virion Surface," <i>Science</i> , 228(4705):1315-1317 (June, 1985).
ADS	C102	Smith, G.P., "Filamentous Phage Assembly: Morphogenetically Defective Mutants That Do Not Kill the Host," <i>Virology</i> , 167:156-165 (1988).
	C103	Stanfield, R.L. et al., "Crystal Structures of an Antibody to a Peptide and Its Complex with Peptide Antigen at 2.8 Å," <i>Science</i> , 248:712-719 (1990).
ADS	C104	Stengele, I. et al., "Dissection of Functional Domains in Phage fd Adsorption Protein: Discrimination between Attachment and Penetration Sites," <i>J. Mol. Biol.</i> , 212(1):143-149 (1990).
ADS	C105	Strauch, K. L. et al., "An <i>Escherichia coli</i> mutation preventing degradation of abnormal periplasmic proteins," <i>Proc. Natl. Acad. Sci., USA</i> , 85:1576-1580 (March, 1988).
ADS	C106	Tsunetsugu-Yokota et al., "Expression of an Immunogenic Region of HIV by a Filamentous Bacteriophage Vector," <i>Gene</i> , 99(2):261-265 (March, 1991).
ADS	C107	Van Wezenbeek, P. et al., "Nucleotide sequence of the filamentous bacteriophage M13 DNA genome: comparison with phage fd," <i>Gene</i> , 11:129-148 (1980).
ADS	C108	Venkitaraman, A.R., "Use of modified T7 DNA polymerase (sequence version 2.0 TM) for oligonucleotide site-directed mutagenesis," <i>Nucl. Acids Res.</i> , 17(8):3314 (April, 1989).

EXAMINER	DATE CONSIDERED
	1/11/08
*EXAMINER: Initial reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Any. Docket No. 05569.0004.DVUS12	Serial No. New Application
		Applicant McCafferty, J. et al.
		Filing Date 3-18-04

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
ADS	C109	Vieira, J. et al., "Production of Single-Stranded Plasmid DNA," <i>Methods Enzymol.</i> 153:3-11 (1987).
ADS	C110	Von Boehmer, H. et al., "The Separation of Different Cell Classes from Lymphoid Organs. IX. A Simple and Rapid Method for Removal of Damaged Cells From Lymphoid Cell Suspensions," <i>J. Immunol. Methods</i> , 2:293-301 (1973).
	C111	Waldmann, T.A., "Monoclonal Antibodies in Diagnosis and Therapy," <i>Science</i> , 252:1657-1662 (June, 1991).
	C112	Walter, G. et al., "Antibodies Against Synthetic Peptides," in <i>Genetic Engineering: Principles and Methods</i> , Vol. 5, Setlow and Hollaender (eds.), Plenum, New York, pp. 61-91 (1983).
ADS	C113	Ward, E.S. et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 341:544-546 (October, 1989).
ADS	C114	Webster, R.E. et al., "Morphogenesis of the Filamentous Single-stranded DNA Phages," In: <i>The Single Stranded DNA Phages</i> , Cold Spring Harbor Laboratory Press, pp. 557-569 (1978).
ADS	C115	White, M. R. H. et al., "Imaging of Firefly Luciferase Expression in Single Mammalian Cells Using High Sensitivity Charge-Coupled Device Cameras," <i>Technique (PHILA)</i> , 2 (4) 194-201 (1990).
ADS	C116	Williams, A.F. et al., "The Immunoglobulin Superfamily - Domains for Cell Surface Recognition ^{1,2} ," <i>Ann. Rev. Immunol.</i> , 6:381-405 (1988).
ADS	C117	Winter et al., "Man-made Antibodies," <i>Nature</i> , 349(6307):293-299 (January, 1991).
ADS	C118	Yanisch-Perron, C. et al., "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors," <i>Gene</i> , 33:103-119 (1985).
	C119	Zacher III, A.N. et al., "A New Filamentous Phage Cloning Vector: fd-tet," <i>Gene</i> , 9:127-140 (1980).

EXAMINER 	DATE CONSIDERED 1/11/88
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	